

Gorol, H.  
TOLERANCES OF SYNTHETIC RESIN-BOUND  
CONSOLIDATED PRODUCTS AND THEIR STAND-  
ARDIZATION. [1963] 10p (figs. tables omitted) 1 ref  
Order from SLA \$1.10 63-18520

Trans. of Kunststoffe (West Germany) 1941 [v. 31]  
no. 6 [p. 223-225].

DESCRIPTORS: \*Thermosetting plastics, \*Tolerances  
(Mechanics), Standards.

(Materials--Plastics, TT, v. 10, no. 10)

63-18520

I. Gorol, H.

Office of Technical Services

62-18420

Münzinger, Walther M.  
PROGRESS IN THE FIELD OF PLASTICIZERS.  
11 Nov 48, 14p. (table, refs. omitted).  
Order from SLA \$1.60 62-18420

I. Münzinger, W. M.

Trans. of Kunststoffe (Germany) 1941, v. 31, no. 11,  
p. 389-395.

DESCRIPTORS: \*Plasticizers, Chemical industry,  
Bonding, Classification.

(Materials--Plastics, TT, v. 9, no. 3)

Office of Technical Services

Absorption of Water and Swelling of Plastics, by  
H. Vlasov, W. Schneider, 11 pp.

GERMAN, per, Kunststoffe, Vol. XXII, No 12, 1961,  
pp 417-421.

SGA 59-15228

SEP 59

Sci. Chemistry

Sep 59

Vol. II, No 2

98,639

Modern Plastics As Raw Materials for Adhesives,  
by Albert Petz, 9 p.

GERMAN, Ger, Kunststoffe, 1942, Vol XXXII, No 2,  
pp 49-54.

SLA 59-17678

Sel  
Feb 60  
Vol 2, No 10

108,893

Polyvinylacetal Resins, by H. Cibello, 5 p.

GERMAN, par, Kunststoffe, 1942, Vol XXXII, No 6,  
pp 180-182. (Digest of Revue Generale du  
Caoutchouc 1941, Vol XVIII, pp 198-208, 223-235).

SLA 59-17679

Sci  
Feb 60  
Vol 2, No 10

108,864

Dimensioning of Injection Molds for Hardenable  
Plastics, by B. Weprek, 11 pp.

GERMAN, par, Kunststoffe, Vol XXXII, No 7, 1942,  
pp 217-220.

SIA 60-14412

Sci  
Feb 62  
Vol. III, No 11

182,818

63-18521

I. Ehlers, G.

Ehlers, G.  
THE STRUCTURE OF RESIN-BOUND CONSOLIDATED  
PRODUCTS. [1963] 6p (figs. omitted) 2 refs  
Order from SLA \$1.10

63-18521

Trans. from Kunststoffe (West Germany) 1943 [v. 33]  
no. 4.

DESCRIPTORS: \*Thermosetting plastics, Stability,  
Mechanical properties, Absorption, Moisture, Coats,  
Material forming, Design, Tolerances (Mechanics).

(Materials--Plastics, TT, v. 10, no. 10)

Office of Technical Services

62-18544

Greulich, E.  
THE EFFECT OF SOLVENTS AND IMPREGNATING  
LACQUERS ON SYNTHETIC RESIN ENAMELED WIRE.  
[1962] 11p. (figs. tables refs. omitted).  
Order from SLA \$1.60

E. Greulich, E.

62-18544

Trans. of Kunststoffe (Germany) 1944, v. 34 [no. 3]  
p. 51-57.

DESCRIPTORS: \*Wire, \*Enamel coatings, \*Plastics,  
Varnishes, Impregnation, Organic solvents, Chemical  
properties.

With the aid of the "pencil test", which makes it possible  
to determine the hardness of the enamel coating on  
enameled wires, studies were performed on the be-  
havior of synthetic resin enameled wire toward the  
action of solvents and lacquers (comparative tests also  
being conducted on oil-enamel coatings). In most in-  
(Metallurgy, T), v. 9, no. 5) (over)

Office of Technical Services



A Recording Micro-Balance for Diffusion Measurements  
on Plastic Membranes, by R. Vieweg, Th. Gast, 10 pp.

GERMAN, per, Kunststoffe, Vol XXXIV, 1944, pp 117-  
119.

AEC NP 163

Sci - Phys

Dec 58

78, 235

Urea and Sulfamide as Starting Materials for New Synthetic Resins and Urea and Sulfamide as Starting Materials for New Plastics, by A. M. Paquin, 51 pp.

GERMAN, per, Kunststoffe, Vol XXXVII, 1947, pp 25-29, 165-172.

S.L.A. Tr No 468/1955

Sci - Chemistry  
Jan 1957 CRB/dex

45, 841

For a Better Understanding of the Relationship  
Between Layers of Various Polymers, by Paul Thier, 12 pp.

GERMAN, par, Kunststoffe, Vol. XXVII, Pt. 2/3, 1957,  
pp 16-28.

SEA 55-1000

104

Jan 60

104 104 104

Urea and Sulfamide as Starting Materials for New  
Synthetic Resins and Urea and Sulfamide as Start-  
ing Materials for New Plastics, by A. M. Paquin,  
51 pp.

GERMAN, per, Kunststoffe, Vol XXXVII, 1947, pp 25-  
29, 165-172.

S.L.A. Tr No 468/1955

Sci - Chemistry  
Jan 1957 CFS/dex

45, 841

For a Better Understanding of Firmness of Adhesion  
Between Layers of Various Polymers, by Kurt Thinius,  
12 pp.

GERMAN, ZfP, Kunststoffe, Vol XXXVII, No 2/2, 1947,  
pp 36-38.

SLA 59-15849

Sci  
Jan 60  
Vol 2, No 5

104,812

Hulirsch, K.  
OIL REACTIVITY OF PHENOLIC RESINS. Jan 64,  
2780words  
Order from LSA \$25.00

Trans. of Kunststoffe (West Germany) 1947, v. 37,  
no. 2/3, p. 43-45.

DESCRIPTOR: Phenolic plastics, Oils,  
Chemical reactions.

Materials--Plastics. TT, v. 11, no. 11)

TT-64-12329

I. Hulirsch, K.  
II. Literature Service  
Associates, Bound Brook,  
N. J.

Office of Technical Services

Softening Agent for Linear Polycondensates, by  
K. Thinius. UNCLASSIFIED

GERMAN, Der, Kunststoffe, Vol XXIV, No 5, 6,  
1948, pp 108-110. CIA 9031276

TIL 4889

801 - (135)  
Dec 58

77,559

Polymerization Plastics, by A. Heschel.

CHIMIA, 1950, 1950, 1950, Vol 10, No 1,  
1950, pp 221-232.

Sci - Chemistry  
Jan 58

AMT VERNBERG 12 559

54 12 12 12 12 12

56,975



62-16975

1968, 31  
DESCRIPTORS: THERMOPLASTIC MATERIALS. 7 Dec 68. 1. (CRO, R.  
The (code [redacted]) omitted.  
Order from SIA \$1.40 62-16975

Trans. of Kuntzsch (West Germany) 1941, v. 39,  
no. 1, p. 1

DESCRIPTORS: \*Plastics, \*Thermosetting resins,  
Molecular structure, Aging, Resistance, Temperature,  
Crystallization, Polymers, Ethylenes, Silicone resins.

(Materials--Plastics, TT, v. 9, no. 1)

Office of Technical Services

V  
Chemistry and Technology of Low-Temperature  
Polymerizates of Synthetic Rubber, by W. Becker.

GERMAN, ~~DEU~~, Kunststoffe, Vol XL, 1950, pp 328, 329

OQMG Tr  
QMT-246

Scientific - Chemistry

13,966  
Jan 52 CTB

TT-64-16052

I. Gëth, R.

Gëth, Rudolf.  
CHANGES IN THE INTERNAL STRUCTURE OF  
PLASTIC MATERIALS AND THEIR INFLUENCE ON  
THE PROPERTIES. (Die Beeinflussung der  
Eigenschaften von Kunststoffen durch Veränderung ihres  
Aufbaus). [1964] 13p 4refs  
Order from SLA \$1.60

TT-64-16052

Trans. of Kunststoffe (West Germany) 1951, v. 41,  
no. 1, p. 1-6.

(Materials--Plastics, TT, v. 12, no. 4)

Office of Technical Services

TT-64-16065

Wolf, Karl.  
RELATION BETWEEN MECHANICAL AND ELECTRICAL PROPERTIES OF HIGH POLYMERS.  
(Beziehungen Zwischen Mechanischem und Elektrischem Verhalten von Hochpolymeren). [1964] [21p] 24refs  
Order from SLA \$2.60

1. Wolf, K.

Trans. of Kunststoffe (West Germany) 1951, v. 41, no. 3, p. 89-97.

(Materials--Plastics, TI, v. 12, no. 4)

Office of Technical Services

A Method for the Determination of the Reactivity of  
Phenolic Resins Which are Capable of Being Hardened,  
by H. F. Muller, I. Muller, 13 pp.

GERMAN, per, Kunststoffe, Vol XLI, No 6, 1951, pp  
186-188.

SLA 57-3567

Sci

Jul 59

92,681

Studies in the Field of Urea-Formaldehyde Condensation, by G. Zigeuner, 17 pp.

GERMAN, per, Kunststoffe, Vol XLI, pp 221-224, 1951.

SLA 3302

Sci - Chem  
Aug 58

70,575

New Ideas on the Frictional Properties of Polyamides,  
Part I, by H. R. Jacobi, 17 pp.

GERMAN, per, Kunststoffe, Vol XIVII, 1951, pp 234-  
239.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/PDD XX-428

Sci - Chem

Apr 58

IAC INTERNAL USE ONLY

62,555

The Assessment of the Degree of Gelatinization of  
Leathercloth Made of PVC Paste, by A. Kling.

GERMAN, per, <sup>st</sup>Kunststoffe, Vol XLI, No 8, <sup>1</sup>1958, ~~1958~~,  
pp 240-242.

ASLIB-G839

Sci

Aug 59

95,384



Araldite Adhesives and Casting Resins, by  
K. Meyerhans.

GERMAN, per, Kunststoffe, Vol. XLI, No 11,  
1951, pp 365-373.

GB/55/401

Sci  
Dec 62

Observations on the Processing and Use of "Araldit"  
as Binding Agent and Casting Resin, by K. Meyerhans,  
19 pp.

GERMAN, per, Kunststoffe, Vol XLI, No 12, 1951.

SLA Tr 57-986

Sci - Chemistry  
Feb 58

58,528

Newer Polyadducts and Their Possibilities of Technical  
Application, by Hans Orth, 14 pp.

Full translation.

GERMAN, K. per, Kunststoffe, Vol. XLI, No 12, 1951,  
pp 454-457.

S.L.A.

Scientific - ~~Biological~~

Aug 55

Lindemann, H.  
RESULTS IN THE MANUFACTURE OF CELLULAR  
MATERIAL. [1964] 13p (figs omitted)  
Order from SLA \$1.60      TT-64-10793

Trans. of Kunststoffe (West Germany) 1952, v. 42,  
no. 1, p. 9-12.

(Materials--Plastics, TT, v. 12, no. 2)

TT-64-10793

I. Lindemann, H.

Office of Technical Services

61-10712

Stoekhart, K.  
TESTING STABILIZERS FOR POLYVINYL CHLO-  
RIDES, [Wie Prüft Man Stabilisatoren für Polyvinyl-  
chlorid]. [1961] 3p. 3 refs.  
Order from SLA \$1.10

61-10712

Trans. of Kunststoffe (West Germany) 1952 [v. 42]  
no. 6, p. 45-p. 46.

DESCRIPTORS: \*Vinyl chlorides, Mixtures, Stability,  
Additives, Production, Temperature, \*Polymers, Test  
methods.

100 128

Office of Technical Services

(Materials--Plastics, TT, v. 6, no. 8)

To What Extent is the Internal Connection Between  
Composition and Technical Behavior in Phenolic  
Resins Recognizable?, by H. P. Muller, I. Muller,  
31 pp.

GERMAN, per, <sup>h</sup>Kunststoffe, Vol XLII, Mar 1952,  
pp 57-63.

SLA 57-3573

Sci

Jul 59

92,682

| KUNSTSTOFFE           |                  |  |
|-----------------------|------------------|--|
| 1952 V42 N6 P169-170  | 70-20853 <*>     |  |
| 1954 V44 P542-546     | 70-20859 <*>     |  |
| 1954 V44 N12 P569-576 | 70-12751-111 <*> |  |
| 1955 V45 N3 P122-124  | 70-20860 <*>     |  |
| 1956 V46 P143-147     | 70-20862 <*>     |  |
| 1956 V46 N5 P221-226  | 70-20861 <*>     |  |
| 1957 V47 P675         | 70-21067 <*>     |  |
| 1957 V47 N4 P159-163  | 70-20863 <*>     |  |
| 1962 V52 N8 P402-494  | 70-12751-111 <*> |  |
| 1963 V53 N1 P1-18     | 70-20864 <*>     |  |
| 1963 V53 N10 P186-798 | 70-10503-151 <*> |  |
| 1964 V54 P557-565     | SC-T-62-1606 <*> |  |

ORDER FROM NYC

States of Molecular Order in High Polymers and Their  
Importance for the Technical Properties of Such  
Polymers, by H.A. Stuart

GERMAN, Kunststoffe, Vol 42, No 9, pp 22 266-272,  
1952.

1337

R.A.E. Farnborough Tr No 414

Scientific - Physics

Chief Superintendent, Armament Research  
Establishment, Portsmouth, Nr. Sevenoaks, Kent.

GB/55/414



Relations Between Macromolecular Structure and  
Deformation-Mechanical Properties, by A. V. Blom.  
17 pp.

GERMAN, per, Kunststoffe, Vol 42, No 12, 1952,  
pp 433-436.

SLA TT-64-16050

Sci/Materials  
Jun 67

327,705

The Plasticization of High Polymers,  
by Franc Wurtlin, Hermann Klein,  
19 pp.

GERMAN, per, Kunststoffe, Vol X XLII,  
No 12, 1952, pp 445-449.

*Lang. Co. Bu*  
SLA 660-16280

Sci  
Mar 62  
Vol IV, No 2

*K-H 5309c*  
*188,835*

Lightweight Materials and Their Uses, by Peter Hopper,  
45 pp.

GERMAN, per, Kunststoffe, Vol XLII, No 12, 1952,  
pp 450-459.

Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Engineering  
Jul 59

92,138

Deployment of Polyamides and Polyurethanes in the  
Processing of Soft PVC, 8 pp. UNCLASSIFIED

GERMAN, par, Kunststoffe, Mar 1953.

G-2, GEUSA G-1059

Scientific - Chemistry

AUG 53 CTD

4802

Theory and Practice of the Stabilization of Vinyl  
Compounds, by G. Mack, 36 pp.

GERMANY, per, Kunststoffe, Vol XLIII, Mar 1953,  
pp 94-101.

SLA Tr 57-1191

Sci - Chemistry  
Feb 58

58,527

J-1219/63

Identification of the Type of Resin and Filler  
of Laminated Plastics, by E. Wandenberg, 7 pp.

GERMAN, per, Kunststoffe, Vol XLIII, No 4, 1953,  
pp 165-166.

*[Signature]*  
\*JPRS/NY-7823  
(Special)

Sci - M/M  
Sep 63

Synthetic Resins With Epichlorohydrin, by J. Schrade,  
23 pp.

Full translation.

GERMAN, par, Kunststoffe, Vol XLIII, No 7, 1953,  
pp 266-270.

S.I.A.

Scientific -- Chemistry

Aug 55

27, 268

Impact-Resistant Polystyrene, by E. Mair,  
10 pp.

GERMAN, per, Kunststoffe, Vol XLIII, 1953,  
pp 397-399.

SIA 3324

Sci

Aug 58

71,638



Acoustics and Plastics, by H. Oberst.

GERMAN, per, Kunststoffe, Vol XLIII, 1953,  
pp 445-454.

ASLIB-GB57

Sci

Aug 58

70,826

Acrylonitrile as a Comonomer in Hard Acrylate  
Plastics, by R. Tossner, 24 pp.

GERMAN, pop, Kunststoffe, Vol XLIII, 1953.  
pp 496-502.

S.L.A. Tr 793/1956

Sci - Chemistry  
Oct 56 CTS

39, 934

Processing of Polyamides by Extrusion, by J. F.  
Kohlwey.

GERMAN, per, Kunststoffe, Vol. XLIV, No 1, Jan 1954,  
pp 3-5.

TPA3/TIB  
T 4432

Scientific - Engineering  
CTB 75/Dec 55

29,347

Extruding Polystyrene. II. Processing Methods,  
7pp  
GERMAN, per, Kunststoffe, Vol 44, 1954, No 2,  
pp 77-79  
SIA TT-64-20337

Sci - Mat  
June 67

327,480

62-10410

Henning, A. R.  
GLASS FIBER REINFORCEMENTS AND THEIR USE  
IN SYNTHETICS. [1961] 6p. ([refs.] 8 figs. omitted).  
Order from SLA \$1.10 62-10410

1. Henning, A. R.

Trans. of Kunststoffe (West Germany) 1954, v. 44,  
no. 4, p. 131-133.

DESCRIPTORS: \*Glass textiles. Reinforcing materials.  
Synthetic fibers. Resins. Plastics.

(Materials--Ceramics. TFC. v. 5, no. 9)

Office of Technical Services

Chemical Stability of Ethoxylene Resins, the  
Behavior of Araldite Casting Resin B Towards  
Chemicals, by K. Mayerhans,

GERMAN, per, Kunststoffe, Vol XLIV, No 4,  
Apr 1954, pp 135-142.

CIA/FDD X-2389  
R.A.E. Farnborough

23,579 Tr No 507  
03/1/5

Scientific - Chemistry

May 55 CTS

61-20946

Stastny, Fritz.  
STYROPOR: NEW POROUS SYNTHETIC (Styropor; ein  
Neuartiger, Poröser Kunststoff). [1961] 39p. (39 figs.  
omitted) 4 refs.  
Order from SLA \$3.60

61-20946

Trans. of Kunststoff (West Germany) 1954, v. 44,  
no. 4, p. 173-180 and no. 5, p. 221-226.

DESCRIPTORS: \*Styrenes, \*Polymers, Porosity, \*Ex-  
panded plastics, Porous materials.

(Materials--Plastics, TT, v. 7, no. 7)

1. Title: Styropor  
1. Stastny, F.

Office of Technical Services

62-16449

Schröter, G. A. and Riegger, P.  
SYNTHESIS OF NEW LIGHT-SENSITIVE PLASTICS.  
[1962] [7]p. 13 refs.  
Order from SLA \$1.10

62-16449

Trans. of Kunststoffe (West Germany) 1954, v. 44  
[no. 7] p. 278[-280].

DESCRIPTORS: Synthesis, \*Plastics, Light, Sensi-  
tivity, \*Photochemistry.

(Materials--Plastics, TT, v. 8, no. 9)

I. Schröter, G. A.  
II. Riegger, P.

Office of Technical Services



Aging of Synthetics by the Influence of Light,  
by Hildegard Raeithel, 19pp  
GERMAN, per, Kunststoffe, Vol 44, 1954, No 7,  
pp 281-284  
SIA TT-64-20435

Sci - Mat  
June 67

327,498

|                                                                                                                                                                        |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <p>Stuart, H. A.<br/>THE STRUCTURE OF CRYSTALLINE HIGH POLY-<br/>MERS. [1960] 8p. (3 figs. 1 table, refs. omitted).<br/>Order from SLA ml\$1.80, ph\$1.80 60-18441</p> | <p>60-18441</p>                                                                     |
| <p>Trans. of Kunststoffe (West Germany) 1954, v. 44<br/>[no. 7] p. 285-289.</p>                                                                                        | <p>1. Polymers--Crystal structure<br/>2. Polymers--Melting<br/>1. Stuart, H. A.</p> |
| <p>143,033</p>                                                                                                                                                         |                                                                                     |
| <p>(Materials--Rubber, TT, v. 5, no. 3)</p>                                                                                                                            | <p>Office of Technical Services</p>                                                 |

Reaction Methods and Identification of Polyvinyl  
Polyacrylic Compounds, by H. Rath, L. Heiss, 16 pp.

GERMAN, no per, Kunststoffe, Vol XLIV, No 8, 1954.

SLA Tr 2472

Sci - Chemistry

53, 3/3

Sep 57

TT-64-16738

Kloos, G. R.  
POLYMERIC SOFTENERS. 6p.  
Order from SLA \$1.10 TT-64-16738

I. Kloos, G. R.

Trans. of Kunststoffe (West Germany) 1954, v. 44,  
no. 10, p. 429-430.

(Materials--Plastics, TT, v. 12, no. 4)

Office of Technical Services

Effect of Various Additives on Unsaturated Polyester  
Resins, by B. Bernatsson, L. Turunen, 22 pp.

GERMAN, per, Kunststoffe, Vol XLIV, No 10, Oct 1954,  
pp 430-436.

SEA Tr 57-1194

Sci - Chemistry  
Feb 58

58, 510

Hasel, W.  
EXPERIMENTS WITH HIGH FREQUENCY HEATING OF THERMOSETTING PLASTICS  
(refs. 16 figs. omitted)  
Order from SLA \$1.10

Trans. of Kunststoffe (West Germany) 1970  
no. 11, p. 528-532.

DESCRIPTORS: \*Thermosetting plastics; frequency; Induction heating

(Materials--Plastics, TT, v. 7, no. 9)

Order from SLA \$1.10

Modern Working Methods on Twin Cords, by A. J.  
Schaefer, 35 pp.

GERMAN, per, Kunststoffe, Vol XLIV, No 12, Dec  
1954, pp 105-111. (loan copy only)

SLA 57-2761

Sci  
Aug 58

70, 829

63-10000

Volland, Hans.

PREVENTION OF SUNKEN SPOTS, VOIDS, AND  
INTERNAL STRESSES IN THICK-WALLED THERMO-  
PLASTIC RESINS OR THE LIKE WITH LARGE,  
DIFFERING WALL-THICKNESSES. [1962] 7p.  
(figs. omitted).

Order from SLA \$1.10

63-10000

Trans. of Kunststoffe (West Germany) 1954, v. 44,  
no. 11, p. 525-528.

DESCRIPTORS: \*Thermoplastics, Resins, Injection,  
\*Molding, Thickness, Stresses, Deformation,  
Manufacturing methods, Errors.

Thick-walled injection-molded parts and the like with  
greatly differing wall-thicknesses made of thermo-  
plastic resins are often made under very great  
difficulties. Different methods of manufacture and  
(Materials--Plastics, TT, v. 9, no. 11) (over)

1. Volland, H.

Office of Technical Services



62-10420

I. Hasel, W.

Hasel, W.  
EXPERIMENTS WITH HIGH FREQUENCY PREHEAT-  
ING OF THERMOSETTING PLASTICS. [1961] 9p.  
([refs.] 6 figs. omitted).  
Order from SLA \$1.10

62-10420

Trans. of Kunststoffe (West Germany) 1954. v. 44.  
no. 11. p. 528-532.

DESCRIPTORS: \*Thermosetting resins, Plastics, High  
frequency, Induction heating.

(Materials-Plastics. TT. v. 7. no. 9)

Office of Technical Services

Vacuum Forming Thermoplastics, by E. Escales, 24 pp.  
GERMAN, per, Kunststoffe, Vol XI, IV, 1954, pp 562-568.

SLA 57-1327

Sci  
May 58

64,030

Cold Formation of Plastics, by F. H. Mueller.  
GERMAN, per, Kunststoffe, Vol 44, No 12,  
1954, pp 569-576.  
NTC-70-12751-111

*pp 569-576 10 pp 12751-111*

Feb 72

Modern Processing Methods with the Twin-Screw  
Extruder, by A. J. Schaerer, 12 pp.

GERMAN, per, Kunststoffe, Vol XLIV, No 12, 1954,  
pp 601-607. (loan copy only)

SLA 57-2664

Sci  
Aug 58

26, 264

On the Problem of Plasticizer Migration, by  
K. Zährer and A. Herz, 15 pp.

GERMAN, par, Kunststoffe, Vol XLV, No 1, 1955.  
PP 9-12.

SLA 57-2754

K-H-5169-d

Sci

Jul 58

68,490

Silicon Chemistry - Silicones, by D. Justiz,  
17 pp. (AP-700726)

GERMAN, bk, Kunststoffe, Plastics, Zurich, 1954/1955,  
pp 27-33.

AFIC F-TS-88/2/V

Sci - Chemistry  
Oct 1956 (TS/dec)

40,138

Theory of Movement of Materials in Extruders.  
Part I. The Flow Process of Newtonian Liquids  
in a Single Screw Extruder, by W. Meskat, 23  
pp.

GERMAN, per, Kunststoffe, Vol XLV, No 3, 1955,  
EP 87-92/.

SLA Tr 57-1944

Sci - Mechanics

Jul 58

67,905

Urgent Extrusion Problems, by H. Reifenbasser,  
16 pp.

GERMAN, per, Kunststoffe, Vol XLV, 1955, pp 93-  
97.

SLA 57-1328

Sci

Jul 58

67,966



Adiabatic Extrusion of Polyethylene, by  
H. R. Jacobi, 16 pp.

GERMAN, per, Kunststoffe, Vol XLV, No 3,  
1955, pp 99-103.

SLA Tr 57-1943

Bcl

Jul 58

67,959

Studies on the Polymerization of Phenol Alcohols  
by Paper Chromatography, by J. Reese, 19 pp.

GERMAN, per, Kunststoffe, Vol XLV, No 4, 1955,  
pp 137-145.

Assoc Tech Serv

625270

Sci - Chem

May 59

CTB, V. I, No 6

86,319

61-10704

Schulz, Georg and Mehnert, Karl.  
A NEW POLYETHYLENE, II. [1961] 20p. 10 refs.  
Order from SLA ml\$2.40, ph\$3.30 61-10704

Trans. of Kunststoffe (West Germany) 1955, v. 45  
[no. 12] p. 101-104 and 595.

The processing characteristics and potential applications are given for the polyethylene manufactured under the trade name Hostalen.

1. Ethylene polymers--  
Properties
  2. Title: Hostalen
- I. Schulz, G.
  - II. Mehnert, K.

148625

Office of Technical Services

(Materials--Plastics, TT, v. 5, no. 12)

Peukert, H.  
HOT-GAS WELDING OF RIGID- AND PLASTICIZED  
POLYVINYL CHLORIDE. [1962] 17p. (figs. tables  
omitted) 4 refs.

Order from SLA \$1.60

62-16999

Trans. of Kunststoffe (West Germany) 1955, v. 45,  
no. 7, p. 257-266.

DESCRIPTORS: \*Vinyl chlorides, \*Polymers, \*Welding  
rods, \*Welded joints, \*Welding, \*Plasticizers, Mechan-  
ical properties, Bonding, Impurities, Decomposition

Some problems on the hot-gas welding of rigid- and  
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cussed. The influence of the welding-wire composition  
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I. Peukert, H.

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DESCRIPTORS: \*Polyethylene plastics, Production,  
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